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PTO/SB/01 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032

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DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) <input checked="" type="checkbox"/> Declaration Submitted with Initial Filing OR <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	Attorney Docket Number	67,007-010; R-05326
	First Named Inventor	Jung
	COMPLETE IF KNOWN	
	Application Number	/ Herewith
	Filing Date	Herewith
	Group Art Unit	
	Examiner Name	

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

HIGH-EFFICIENCY TURBULATORS FOR HIGH-STAGE GENERATOR OF ABSORPTION CHILLER/HEATER

(Title of the Invention)

the specification of which

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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DECLARATION — Utility or Design Patent ApplicationDirect all correspondence to: ☒ Customer Number or Bar Code Label **026096** OR ☐ Correspondence address belowName **THEODORE W. OLDS**Address **400 W. Maple Road**Address **Suite 350**City **Birmingham**State **Michigan**ZIP **48009**Country **United States**Telephone **(248) 988-8360**Fax **(248) 988-8363**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR :

☐ A petition has been filed for this unsigned inventorGiven Name **Sunghan**
(first and middle (if any))Family Name **Jung**
or SurnameInventor's
Signature*Sunghan Jung*Date **Dec. 5, 2003**Residence: City **South Glastonbury**State **CT**Country **US**Citizenship **South Korea**Mailing Address **6 Chelsea Road**

Mailing Address

City **South Glastonbury**State **CT**ZIP **06073**Country **US**

NAME OF SECOND INVENTOR:

☐ A petition has been filed for this unsigned inventorGiven Name **Jifeng**
(first and middle (if any))Family Name **Zhang**
or SurnameInventor's
Signature*Jifeng Zhang*Date **Dec 7, 2003**Residence: City **East Hartford**State **CT**Country **US**Citizenship **China**Mailing Address **35 Ginger Lane, Apt. 105**

Mailing Address

City **East Hartford**State **CT**ZIP **06118**Country **US**☒ Additional inventors are being named on the 2 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

PTO/SB/02A (08-03)

Approved for use through 07/31/2006, OMB 0851-0032
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DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental SheetPage 1 of 2

Name of Additional Joint Inventor, If any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Timothy C.		Wagner	
Inventor's Signature <i>Timothy C. Wagner</i>		Date <i>Dec 8 2003</i>	
Residence: City East Hartford	State CT	Country US	Citizenship US
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Mailing Address			
City East Hartford	State CT	Zip 06118	Country US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Mark E.		Marler	
Inventor's Signature <i>Mark E. Marler</i>		Date <i>Dec 8, 2003</i>	
Residence: City Glastonbury	State CT	Country US	Citizenship US
Mailing Address 72 Bidwell Street			
Mailing Address			
City Glastonbury	State CT	Zip 06033	Country US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Fabio P.		Bertolotti	
Inventor's Signature <i>Fabio Bertolotti</i>		Date <i>Dec 8, 2003</i>	
Residence: City South Windsor	State CT	Country US	Citizenship US
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Mailing Address			
City South Windsor	State CT	Zip 06074	Country US

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

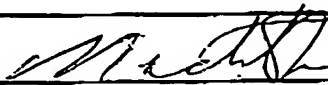
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DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet
	Page <u>2</u> of <u>2</u>

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Michael K.		Sahm	
Inventor's Signature 		Date <u>12/4/03</u>	
Residence: City Avon	State CT	Country US	Citizenship US
Mailing Address 25 Zachary Drive			
Mailing Address			
City Avon	State CT	Zip 06001	Country US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Jinsang		Ryu	
Inventor's Signature		Date	
Residence: City Gyunggi-do	State	Country South Korea	Citizenship KR
Mailing Address 203-ho 382-dong, Soweol Apt., Ogum-dong, Gunpo-si			
Mailing Address			
City Gyunggi-do	State	Zip	Country South Korea
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	Zip	Country

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DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental SheetPage 2 of 2

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Michael K.		Sahm	
Inventor's Signature		Date	
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Mailing Address			
City Avon	State CT	Zip 06001	Country US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	Zip	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Jinsang		Ryu	
Inventor's Signature <i>Ryu, Jinsang</i>		Date <i>Dec. 11 2003</i>	
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Mailing Address			
City Gyunggi-do	State	Zip	Country South Korea

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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